



## Diaphragm Switch B314/IP65 Technical Information:

### Applicability:

Universal, also for liquids at maximum pressure of 1 bar

### Housing:

Alu pressure casting AlSi

### Installation types:

- Mounting to the silo wall
- Loose mounting inside the silo (Part Number 800303/ IP65 required)  
Therefore following arrangements are required:
  - Sealing of the pressure equalization drill hole, which has a M4-Thread
  - Diaphragm mounting ring (accessories) mounted for sealing the housing
  - Pressure equalization and cable insertion is performed by an on-site supplied PG16

### Membrane:

EPDM, food safe, 120mm Ø

### Responsivity:

adjustable approx. 50 – 250 gram central,  
respectively approx. 15 – 80 mm WS pressure onto the membrane

### Flooding consistency:

max. 1kg/cm<sup>2</sup>

### Environmental Temperature:

-15 °C to 100°C

### Micro Switch:

1 switch interface

### Switching Power:

230VAC 3A, 24VAC 5A, 24VDC 2A

### Weight:

approx. 1.05 kg

### Specialized types:

- Special diaphragm B314 IP65,
- B314F fruit acid resistant